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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/820,928	04/08/2004	Philip F. Williams III	OSTEONICS 3.0-477	8757
530	7590	07/19/2007	EXAMINER	
LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK 600 SOUTH AVENUE WEST WESTFIELD, NJ 07090			IZQUIERDO, DAVID A	
			ART UNIT	PAPER NUMBER
			3738	
			MAIL DATE	DELIVERY MODE
			07/19/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/820,928

Applicant(s)

WILLIAMS ET AL.

Examiner

David A. Izquierdo

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 26 April 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-14, 17, 18 and 20-23 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 14, 17, 18 and 20 is/are allowed.
- 6) ☒ Claim(s) 1-7, 9, 10, 12, 13 and 21-23 is/are rejected.
- 7) ☒ Claim(s) 8 and 11 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application
- 6) ☐ Other: _____

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed 26 April 2007 have been fully considered but they are not persuasive. After careful consideration of the prior art Examiner has determined that the U.S.C. 103(a) rejection of Duvillier et al. (USPN 5,749,876) in view of Lionberger et al. (PG Pub 2004/0260301) remains proper in view of the newly amended claims. The amendments to the claims changing the limitation "at least one aperture" to "at least one elongate slot" can still be anticipated by the circular opening of Duvillier et al. because "elongate slot" carries little structural definition over "aperture". Should Applicant further define the structure of the opening to state an opening with a length greater than the width, or the like, the claim language may read over the prior art of record.
2. Further, Applicants' amendments stating that the slot of the first body portion extends in a first planar direction and that the second body portion contains a cutting tool guide surface which extends along this plane also remain rejected over Duvillier et al. in view of Lionberger et al. Since Applicant has not defined the structure of the cutting tool guide surface this surface can be considered to be the inside of the aperture (as seen in Figure 3) of the second body portion, which would extend in the first planar direction.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person

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having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-7, 9, 10, 12, 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Duvillier et al (U.S. Patent Number 5,749,876) in view of Lionberger et al. (U.S. Patent Application Publication Number 2004/0260301). Duvillier et al discloses a bone cutting apparatus comprising:

- A first body (302) portion having an aperture extending therethrough (Claim 1);
- A stainless steel second body portion (303) coupled to the first body portion wherein the second body portion comprises a cutting slot in communication with the aperture of the first body portion and further comprising a first surface and a second surface which face the bone and the first body portion respectively (Claims 1, 2, 6, 7, 9, 10);
- A stainless steel third body portion (301) coupled to the first body portion wherein the third body portion comprises a cutting surface in communication with the aperture of the first body portion and the cutting surface of the second body portion (Claim 3, 6, 7);
- Pins (313) which interact with all body portions and further secure the body portions to the bone surface (Claims 4, 5, 12, 13);

5. however Duvillier et al. fails to disclose a bone cutting apparatus comprising a polymeric material. Lionberger et al. teaches a guide made of a polymer (col. 28, line 2). It would have been obvious to one of ordinary skill in the art to combine the teaching of a polymeric guide, or body portion, as taught by Lionberger et al., to a bone cutting apparatus, as per Duvillier, the motivation to combine being that a polymeric material allows for the guide to be manufactured

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of disposable material allowing for guide to be single use, eliminating error cause by wear on the guide, as found in Lionberger et al. (Col. 28, line 2).

Allowable Subject Matter

6. Claims 14, 17, 18 and 20 are allowable over the prior art of record.
7. Claims 8 and 11 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

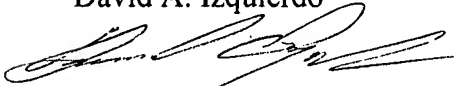
8. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).
9. A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.
10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David A. Izquierdo whose telephone number is 571-272-1943. The examiner can normally be reached on Monday through Friday from 8:00 am until 4:30 pm.

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11. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Corrine McDermott can be reached on 571-272-4754. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

12. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

David A. Izquierdo



Patent Examiner



CORRINE McDERMOTT
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700